

Hydro. 5711-5758

Sept. 2 - 5, 1914

507.

Hydro. 5711-5758

Sept. 2-5, 1914

11
Dredge No. 5710 Date, Sept 2, 1914
Hydrog. No. TN Reel TN Shot 32 lbs.
Sdg. Mch. TN Lead

Turns Cor'n Depth 42 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom Sand & Hard Pan

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 49 Time 11.33 } Air { 56
Time

Density: Surf. fms.

Wind: Direction SE Force 1

Baromet. 30.15 Amt. of Clouds 10 State of Sea S

Weather CC

Direction and Force of Current { Surface Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bear N 45° E (true) distant 19.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer W. Glick Recorder C. Clark

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
<u>A</u> M. Down.	Up.	<u>A</u>	M.		M. Down.	Up.	M.	
11	33	11	35	0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

12
Dredge } No. 5711 Date, Sept 2, 1914
Hydrog. }
Sdg. Mch. T N Reel T N Shot } 32 lbs.
Lead }

Turns _____ Cor'n _____ Depth 42 fms.

Sdg. Cup *Arming* Amt. Bot'm Sample _____

Character of Bottom *Grey sand*

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 49 Time 11.45 } Air { 56
Time _____

Density: Surf. _____ fms. _____

Wind: Direction *SE* Force 1

Baromet. 30.15 Amt. of Clouds 10 State of Sea *B*

Weather *cc*

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality *Oregon Coast*

Position *Yaguina Light bears N 42° E, distant (true) 19.9 miles*

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer *Mr. Glick* Recorder *C. Cook*

SOUNDING WIRE.

A M. Down. Up. M.
 11 45 11 46 30

FMS.

DREDGING CABLE.

M. Down. Up. M.

0
 100
 200
 300
 400
 500
 600
 700
 800
 900
 1000
 1100
 1200
 1300
 1400
 1500
 1600
 1700
 1800
 1900
 2000
 2100
 2200
 2300
 2400
 2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000
 4100
 4200
 4300
 4400
 4500
 4600
 4700
 4800
 4900

13
Dredge } No. 5712 Date, Sept 2, 1914
Hydrog. }
Sdg. Mch. TX Reel TX Shot Lead 32 lbs.
Turns 79 Cor'n Depth 42 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom gy S

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {
Time

Density: Surf. fms.

Wind: Direction SE Force 1

Baromet. 30.15 Amt. of Clouds 10 State of Sea 9

Weather 0.

Direction and Force of Current { Surface
Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bears N 39° E (true) distant 20.0 miles

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Glick Recorder A. A. Tait

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>a</i> M. Down.	Up.	<i>a</i> M.		M. Down.	Up.	M.
11 55 40	11 57 20		0			
11 56 15	11 56 25		100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

14.

Dredge } No. 5713 Date, Sep. 22, 1914
 Hydrog. }
 Sdg. Mch. TN Reel TN Shot Lead 32 lbs.
 Turns 15 Cor'n _____ Depth 29 fms.
 Sdg. Cup Armington Amt. Bot'm Sample _____
 Character of Bottom gy S

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction SE Force 1

Baromet. 30.15 Amt. of Clouds 10 State of Sea G
 Weather oz.

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Oregon Coast.

Position Yaguina Light bears N 53° E (true) distant 5.8 miles
 Chart used: No. _____ Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer Mr. Mahoney Recorder Stratton
 11-1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
M. Down.			Up.		M.		M. Down.	Up.	M.
1	43	00	1	44	55	0			
1	44	10	1	44	25	100			
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
						1300			
						1400			
						1500			
						1600			
						1700			
						1800			
						1900			
						2000			
						2100			
						2200			
						2300			
						2400			
						2500			
						2600			
						2700			
						2800			
						2900			
						3000			
						3100			
						3200			
						3300			
						3400			
						3500			
						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
						4600			
						4700			
						4800			
						4900			

15.
Hydrog. No. 5712 Date, Sep 12, 1914
Sdg. Mch. TH Reel TH Shot/Lead 32 lbs.
Turns 62 Cor'n Depth 33 fms.

Sdg. Cup Arming Amt. Bot'm Sample
Character of Bottom gy S

Thermom. { Make No. Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {

Density: Surf. fms.

Wind: Direction SE Force 1

Baromet. 30.15 Amt. of Clouds 9 State of Sea G

Weather bz

Direction and Force of Current { Surface Bottom

Tide

General Locality Ocean Coast

Position Yaguina Light bears N 62° E (true) distant 6.4 miles.
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used Oyster dredge: 10 ft. net, 4 ft. line.

Time towing h. 17.5 m.
Remarks: Towed 100 fms. with 100 fms. cable.

Deck Officer Recorder

SOUNDING WIRE.

M. Down.	Up.	M.
1 57 00	1 57 10	
1 57 50	1 57 45	33)

FMS.

DREDGING CABLE.

M. Down.	Up.	M.
2 02 00	2 01 00	
2 09 00	2 08 00	

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

16.

Med. Hydrog. No. 5715 Date, Sep. 2, 1914
 Sdg. Mch. T.T. Reel TN Shot 3.2 lbs.
 Turns 72 Cor'n _____ Depth 42 fms.
 Sdg. Cup _____ Amt. Bot'm Sample _____
 Character of Bottom cr. gy. S

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air { _____
 { _____ Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction SE Force 1

Baromet. 30.1 Amt. of Clouds 3 State of Sea G.

Weather bc.

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Oregon Coast

Position Yaquina Light bears N 77 1/2 E (true) distant

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul Bottom

Apparatus and Rig used _____

Time towing _____ h. 19 m.

Remarks: Towed 120 fms. cable.

Deck Officer Mr. Mahoney Recorder Frank

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
2 59	55	01 30	0	3 01 30	3	30 00
3 00	50	00 15	100	2 05 30	2	25 00
			170 200	3 06 00	3	25 00
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

No. 5716 (P) Date, Sept. 6, 1911
Sdg. Mch. Reel Shot Lead 3 lbs.
Turns 6 Cor'n Depth 34 fms.

Sdg. Cup *airing* Amt. Bot'm Sample
Character of Bottom *fine sand*

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 4:20 P } Air { 57°
Time

Density: Surf. fms.

Wind: Direction *SE* Force 2

Baromet. 30 Amt. of Clouds 6 State of Sea 1

Weather *bcz*

Direction and Force of Current { Surface
Bottom

Tide

General Locality *Off Cape Cod*

Position *Yaguina Light bears S84°E (true) distant 5.1 miles*
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul *bottom*

Apparatus and Rig used *4' beam trawl, 150' line, 2 turnbuckle, 1 turnbuckle, 3 gaffs*

Time towing h. m.

Remarks: *170 fath. cable*

Deck Officer *H. P. Jones* Recorder *W. H. Jones*
11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
4 06 30	7 45		0	4 05 45	4 55	
4 06 50	4 07 05		100	4 11 15	4 32 00	
			200	4 12 20	4 29 20	
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Hydrog. No. 5717 Date, July 2, 1914
Sdg. Mch. T. L. Reel T. H. Shot Lead 32 lbs.
Turn: 54 Cor'n Depth 25 fms.
Sdg. Cup Curry Amt. Bot'm Sample
Character of Bottom gy. S.
Thermom. { Make Cor'n { Instr. Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. { 54° Time 5:36 Air { 58°
Density: Surf. fms.
Wind: Direction S.E. Force 1-2
Baromet. 30.17 Amt. of Clouds .7 State of Sea
Weather bz.
Direction and Force of Current { Surface Bottom
Tide
General Locality

Position Yazmina Light bears S80°E (true) distant 2.8 miles
Chart used: No. 6000 Ed'n
Drift: Direction Distance
Depth of Haul bottom
Apparatus and Rig used Gyro drag,
2 kinnings weights, 4 floats,
150' line
Time towing h. m.

Remarks: 100' line used
100' line used 15 min. with
100' line 3 min.

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.		P. M. Down.	Up.	P. M.
5 04 05	5 05 10		0	5 08 50	5 35 00	
5 04 25	5 04 40		100	5 14 55	5 30 00	
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1800			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

19.

Hydrog. No. 5718 Date, Dec 1, 1914

Sdg. Mch. 1.2 Reel 1.2 Shot/Lead 32 lbs.

Turns 61 Cor'n Depth 33 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom gy. s.

Thermom. { Make No.

Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 61° Time 6:10 } Air { 52°
Time

Density: Surf. fms.

Wind: Direction N.E. Force 1-2

Baromet. 30.14 Amt. of Clouds 4 State of Sea 3

Weather veg.

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position Yaguina Light bears N 75° E (true) distant 4.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul Bottom

Apparatus and Rig used

Sigsbee, 4 ft. 1/2 in. 1/2 in.

Time towing h. 15-1/2 m.

Remarks: Towed for 15 1/2 min. with 120 lb. line.

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
5	52	20	0	5	54	20
5	52	40	100	6	59	50
			200	6	00	40
			300	6	16	00
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

1
Hydrog. No. 719 Date, Sept 13, 1911
Sdg. Mch. T N Reel T Shot Lead 29 lbs.
Turns Cor'n Depth fms.

Sdg. Cup Corning Amt. Bot'm Sample
Character of Bottom Grey sand

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 5:45 } Air {
Time

Density: Surf. fms.

Wind: Direction SE Force

Baromet. 30.20 Amt. of Clouds 8 State of Sea

Weather bc7

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position Yaquina Light bears N 75° E (true) distant 4.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.

M. Down. | Up. *A* M.

FMS.

DREDGING CABLE.

M. Down. | Up. M.

5 47 | *5 46*

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

*Dep. 11. 7. 15. 84° East. 5.2 m**2-6 - 270° 1 m inter**7 - 40° 2.3 m**8 - 34° 2.5 "**9 - 35° 4 "**10 - 39° 5 "**11 - " 3.9 "**12 - 359° 1.5 "**13 - " 1 "**14 - 352° 2 "**15 - 81° 2.3 "**16 - 201° 1.0 "**17 - 249-45 - 4.2 "**18 - 337-45 - 7.1 "**19 - 286 5.4 "**Get it in**cycle**1300 1260*

Hydrog. } No. _____ Date, Sept 3, 1911
Sdg. Mch. 7 Reel 7 N Shot/Lead 32 lbs.
Turns _____ Cor'n _____ Depth 40 fms.
Sdg. Cup _____ Amt. Bot'm Sample _____
Character of Bottom fine grey sand

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____
Bottom Reading _____ Cor'd Temp. _____
Temp. Surf. { 51 Time 6:06 } Air { 52
 { _____ Time _____ } _____

Density: Surf. _____ fms. _____
Wind: Direction ✓ 2 Force 2
Baromet. 30.20 Amt. of Clouds 8 State of Sea 3
Weather 100

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Long Beach

Position Yaguia Light bears N 85° E (true)
Chart used; No. 15050 Ed'n _____ distant 6.5 miles

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
M. Down.		Up.			M. Down.		Up.	
6	06	6	08	0				
				100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

Dredge } No. 571 Date, April 3, 1911
Hydrog. }
Sdg. Mch. T H Reel T N Shot Lead 3 lbs.
Turns _____ Cor'n _____ Depth 58 fms.
Sdg. Cup *Urn* Amt. Bot'm Sample _____
Character of Bottom *Grey Sand*

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { *51* Time *6.24* } Air { _____
Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction *SE* Force *1*

Baromet. *30.20* Amt. of Clouds *8* State of Sea _____

Weather *bcf*

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality *Bay of Coot*

Position *Yazmine Light bears N 85 1/2° E (true) distant 7.5 miles*

Chart used: No. *6000* Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing: h. _____ m. _____

Remarks: _____

Deck Officer _____

Recorder _____

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
6 24	6	25 30	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5112 Date, 1901
Hydrog. }
Sdg. Mch. T. N. Reel T. N. Shot }
Lead } lbs.
Turns Cor'n Depth 11 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 6.41 }
Time } Air }

Density: Surf. fms.

Wind: Direction SE Force 1

Baromet. 30.21 Amt. of Clouds 7 State of Sea ✓

Weather

Direction and Force of Current { Surface
Bottom

Tide

General Locality

Position Yaguia Light bears N 86° E (true) distant 8.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

A SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
41	6	43	0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
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			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

5
Dredge } No. 5723 Date, Sept 2, 1911
Hydrog. }
Sdg. Mch. T N Reel T N Shot Lead lbs.
Turns Cor'n Depth 42 fms.
Sdg. Cup Tinning Amt. Bot'm Sample
Character of Bottom Grey Sand

Thermom. { Make Cor'n { Instr.
 { No. { Stem.

Bottom Reading Cor'd Temp.
Temp. Surf. { 52 Time 1:10 }
 { { Air { 72
 { { { Time

Density: Surf. fms.
Wind: Direction SE Force 1
Baromet. 30.21 Amt. of Clouds 9 State of Sea E
Weather OC +

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality

Position Yaquina Light bears N 86 1/2° E (true) distant 7.5 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
6 59	7 01		0			
			100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 124 Date, July 7, 1906

Sdg. Mch. Reel Shot Lead lbs.

Turns Cor'n Depth 45 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 7.18 } Air { 52

Density: Surf. fms.

Wind: Direction SE Force 1

Baromet. 30.21 Amt. of Clouds 9 State of Sea 4

Weather Bc 7

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position Yaguina Light bears N 87° E (true) distant 10.5 miles

Chart used: No. 6060 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. Down.	Up. ^H M.		M. Down.	Up. M.
7 17 30	7 19 -	0		
		100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
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		2800		
		2900		
		3000		
		3100		
		3200		
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		3400		
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		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

7.

Dredge } No. 5725 Date, July 23, 1912
Hydrog. }

Sdg. Mch. 775 Reel 775 Shot/Lead 2 lbs.

Turns 98 Cor'n Depth 48 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make No. Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {

Density: Surf. fms.

Wind: Direction SE Force

Baromet. 30.25 Amt. of Clouds 10 State of Sea

Weather of

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position Yaguina Light bears S 77° E (true) distant 8.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
7 57 30	8 00 00		0			
7 58 00	7 59 05	10	100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
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			1600			
			1700			
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			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 716 Date, Sept 3, 1914
Hydrog. }
Sdg. Mch. 716 Reel 8100 Lead 35 lbs.
Turns 04 Cor'n Depth 5 fms.
Sdg. Cup Diving Amt. Bot'm Sample
Character of Bottom Muddy

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {
Time

Density: Surf. fms.

Wind: Direction SE Force 1

Baromet. 30.25 Amt. of Clouds 10 State of Sea S.

Weather of

Direction and Force of Current { Surface
Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bears S 60° E (true) distant 8.0 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer W. M. Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

9 49 15 9 50 00
 9 50 00 9 50 05

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

7.
Dredge } No. 5727 Date, Sep 19
Hydrog. }
Sdg. Mch. TK Reel TN Shot }
Lead } lbs.
Turns 110 Cor'n Depth fms.
Sdg. Cup 1 Arming Amt. Bot'm Sample
Character of Bottom fr. gy S, sh. m. d. y
Thermom. { Make Cor'n { Instr.
 { No. { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {
 { Time {

Density: Surf. fms.

Wind: Direction SE Force 1

Baromet. 30.25 Amt. of Clouds 10 State of Sea G

Weather cl

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bears SH 3 1/2 E (true) distant 10.8 miles

Chart used: No. 6 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. [Signature] Recorder [Signature]

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

M. Down. | Up. | M.

0 15 00 0 17 15
 9 25 15 0 26 5

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

10.
Hydrog. } No. 5728 Date, Sep 2, 1914
Sdg. Mch. TIT Reel TIT Shot/Lead 32 lbs.
Turns 98 1/2 Cor'n Depth 53 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom gy S

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air { Time

Density: Surf. fms.

Wind: Direction SE Force 1

Baromet. 30.25 Amt. of Clouds 1 State of Sea G

Weather bc

Direction and Force of Current { Surface Bottom

Tide

General Locality Oregon Coast

Position Yaquina Light bears S 20 1/2 E (true) distant 12.7 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

SOUNDING WIRE.

7 M. DOWN. | UP. 9 M.

10	05	50	10	47	5
10	06	10	10	47	5

10 06 19 10 12

FMS.

DREDGING CABLE.

M. Down. | Up. . . . M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

~~Lead~~ No. 5727 Date, Sep 3, 1914
 Hydrog. No. 715 Reel 715 Shot/Lead 32 lbs.
 Sdg. Mch. Turns 65 Cor'n Depth 35 fms.
 Sdg. Cup Arming Amt. Bot'm Sample
 Character of Bottom
 Thermom. { Make V Cor'n { Instr.
 No. Cor'n { Stem.
 Bottom Reading Cor'd Temp.
 Temp. Surf. { Time { Air {
 { Time {
 Density: Surf. fms.
 Wind: Direction SE Force
 Baromet. 30.24 Amt. of Clouds 9 State of Sea G
 Weather bc

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality

Position Yaguina Light bears S 8° E (true) distant

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. W. A. Recorder (Signature)

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
M. Down.	Up.				M.		M. Down.	Up.	M.
10	42	40	10	43	50	0			
10	43	05	10	43	07	100			
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
						1300			
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						3100			
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						3300			
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						3500			
						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
						4600			
						4700			
						4800			
						4900			

17.
Humboldt } No. 575 Date, Sept 1, 1911
Hydrog.

Sdg. Mch. 775 Reel Shot Lead 52 lbs.

Turns 79 Cor'n Depth 43 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom S

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {

Density: Surf. fms.

Wind: Direction SE Force 1

Baromet. 30.22 Amt. of Clouds 0 State of Sea 0

Weather 72

Direction and Force of Current { Surface Bottom

Tide

General Locality Ocean

Position Cape Kivanda bears N 23 1/2 E (true) distant 14.8 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer W. M. J. Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. | Up. | $\frac{1}{2}$ M.

M. Down. | Up. | M.

11 70	5	2	0
11 22	50	11	205 42
			0
			100
			200
			300
			400
			500
			600
			700
			800
			900
			1000
			1100
			1200
			1300
			1400
			1500
			1600
			1700
			1800
			1900
			2000
			2100
			2200
			2300
			2400
			2500
			2600
			2700
			2800
			2900
			3000
			3100
			3200
			3300
			3400
			3500
			3600
			3700
			3800
			3900
			4000
			4100
			4200
			4300
			4400
			4500
			4600
			4700
			4800
			4900

13. Set.

Dredge } No. 22 Date, June 2, 1911
Hydrog. }
Sdg. Mch. 17 Reel 1 Shot } 32 lbs.
Lead }
Turns 84 Cor'n Depth 45 fms.
Sdg. Cup arming Amt. Bot'm Sample
Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 1:40 P } Air { 58°
Time

Density: Surf. fms.

Wind: Direction SE Force 1

Baromet. 30.2 Amt. of Clouds 8 to 5 State of Sea 5

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Oregon Coast

Position Cape Kiwanda bears N 25 1/2 E (true) distant 13.8 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Towed from 11:22 to 2:12:40 P
after 1 11:32 - 2:08:40

Deck Officer W. W. Recorder

at Portland, Ore. 11-1023

Esplanade
Plate 12. Bottle

SOUNDING WIRE.

M. DOWN. | Up. | M.
 11 32 00 | 11 32 50
 11 37 50 | 11 37 55

FMS.

DREDGING CABLE.

P. M. DOWN. | Up. | P. M.

0

1 37 05 | 1 50 40

100

1 38 20 | 1 49 45

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Sounded to 75 fms.

L. 46.0° N. 45.5°

~~Hydrog.~~ } No. 5226 Date, , 19
Sdg. Mch. Reel Shot/Lead lbs.
Turns 93 Cor'n Depth 50 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.
Temp. Surf. { 53° Time 12:10 } Air { 54°
Time

Density: Surf. fms.

Wind: Direction S.E. Force 2-3

Baromet. 30.2 Amt. of Clouds 8 State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Oregon Coast

Position Cape Kiwanda bears N 31° E (true) distant 12.2 miles
Chart used: No. 6000 Ed'n

Drift: Direction Distance.

Depth of Haul bottom

Apparatus and Rig used 3 fathoms, 4 fms. net.

Time towing h. 20 min.

Remarks: Towed net's mine with 200 fms cable

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. Up. M.

M. Down. Up. M.

11 51 20 11 52 05

11 54 00 12 29 00

11 57 53 11 52 20

11 56 15 12 25 45

12 01 00 12 31 30

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Hydrog. } No. 5733 Date, _____, 1914
 Sdg. Mch. _____ Reel _____ Shot _____ lbs.
 Turns 60 Cor'n _____ Depth 32 fms.
 Sdg. Cup _____ Amt. Bot'm Sample _____
 Character of Bottom gy. S.

Thermom. { Make _____ Cor'n { Instr. _____
 { No. _____ { Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { 53° Time 1:18 P } Air { 59°
 { _____ Time _____ { _____

Density: Surf. _____ fms. _____

Wind: Direction S.E. Force 3-4
 Baromet. 30.1 Amt. of Clouds 7 State of Sea S.

Weather bc

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Cape Kivanda

Position Cape Kivanda bears N 22° E (true) distant 10.1 miles

Chart used: No. 6000 Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul bottom

Apparatus and Rig used 600 ft. & 120 ft. 3 ft. 3 in. net, 120 ft. net, 120 ft. net, 120 ft. net.

Time towing _____ h. 15 m.

Remarks: 120 ft. net, 120 ft. net, 120 ft. net, 120 ft. net.

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.		P. M. Down.	Up.	P. M.
12 47 40	12 51 10		0	12 52 40	1 16 10	
12 50 05	12 50 12		100	12 56 10	1 13 20	
			200	12 56 30	1 12 50	
			120			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

Dredge } No. 5734 Date, Aug 3, 1914
 Hydrog. }
 Sdg. Mch. J. H. Reel J. H. Shot 32 lbs.
 Lead }
 Turns 56 Cor'n Depth 30 fms.
 Sdg. Cup Arming Amt. Bot'm Sample
 Character of Bottom

Thermom. { Make Cor'n { Instr.
 No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53° Time 2:40 P. Air { 57°
 Time

Density: Surf. fms.

Wind: Direction Force 2

Baromet. 30.26 Amt. of Clouds 7 State of Sea

Weather

Direction and Force of Current { Surface
 Bottom

Tide

General Locality Off Oregon Coast

Position Cape Kiwanda bears N 20° E (true) distant 13.5 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used 3 fms. beam trawl, 3 fms. otter trawl, 150' sinker

Time towing h. m.

Remarks:

Deck Officer J. H. Phipps Recorder C. H. Phipps

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<i>P</i> M. Down.	Up.	<i>P</i> M.		<i>P</i> M. Down.	Up.	<i>P</i> M.
2 28 10	2 29 30		0	2 30 45	2 34 25	
2 28 35	2 28 50		100	2 34 40	2 31 10	
			200	2 35 10	2 30 40	
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

17
 Hydrog. } No. 5735- Date, Sept 3, 1914
 Sdg. Mch. 7.2. Reel 7. Shot/Lead 32 lbs.
 Turns 78 Cor'n Depth 42 fms.
 Sdg. Cup Arming Amt. Bot'm Sample
 Character of Bottom gy. s.
 Thermom. { Make Cor'n { Instr.
 { No. { Stem.
 Bottom Reading Cor'd Temp.
 Temp. Surf. { 53° Time 3:45 P. Air { 57°
 { Time {
 Density: Surf. fms.
 Wind: Direction Various Force 2
 Baromet. 30.5 Amt. of Clouds 9 State of Sea 3.
 Weather bcz

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Off Cape Kiwanda

Position Cape Kiwanda bears N 34° E (true) distant 10.1 miles
 Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul bottom

Apparatus and Rig used Oyster dredge, 15' long; 3 glass floats, 2 turning weights
 Time towing h. m.

Remarks:

Deck Officer Chas. Pappa Recorder C. E. Kelly
 11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
P. M. Down.	Up.	P. M.		P. M. Down.	Up.	P. M.
3 40 10	3 42 00		0	3 43 40	4 01	—
3 42 40	3 41 10		100	3 47 20		
			200	3 48 00	4	3
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

18
Trawl No. 576 Date, , 19
Sdg. Mch. Reel Shot/Lead lbs.

Turns Cor'n Depth 70 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 53 Time 5:03 } Air { 59
Time

Density: Surf. fms.

Wind: Direction Force

Baromet. 30.23 Amt. of Clouds State of Sea

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality

Position Cape Kiwanda bears N 77° E (true) distant 8.7 miles

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing: h. m.

Remarks:

Deck Officer Recorder

SOUNDING WIRE.				FMS.	DREDGING CABLE.					
M. Down.	Up.	P.	M.		M. Down.	Up.	M.			
5 03	5	05	30	0						
				100						
				200						
				300						
				400						
				500						
				600						
				700						
				800						
				900						
				1000						
				1100						
				1200						
				1300						
				1400						
				1500						
				1600						
				1700						
				1800						
				1900						
				2000						
				2100						
				2200						
				2300						
				2400						
				2500						
				2600						
				2700						
				2800						
				2900						
				3000						
				3100						
				3200						
				3300						
				3400						
				3500						
				3600						
				3700						
				3800						
				3900						
				4000						
				4100						
				4200						
				4300						
				4400						
				4500						
				4600						
				4700						
				4800						
				4900						

19
Dredge } No. 3737 Date, June 3, 1911
Hydrog. }
Sdg. Mch. T N Reel T N Shot 37 lbs.
Lead

Turns Cor'n Depth 77 fms.

Sdg. Cup *Clipping* Amt. Bot'm Sample

Character of Bottom *Mud*

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 52 Time 5:07 } Air { 57 }
Time

Density: Surf. fms.

Wind: Direction SE Force

Baromet. 30.23 Amt. of Clouds 9 State of Sea G

Weather C

Direction and Force of Current { Surface Bottom

Tide

General Locality *Dragon Boat*

Position *Cape Kiwanda bears S70°E (true) distant 10.0 miles*

Chart used: No. 6000 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer *W. G. Clark* Recorder *W. G. Clark*
11-1023

SOUNDING WIRE.					FMS.	DREDGING CABLE.		
<u>P</u>	M. Down.	Up.	<u>P</u>	M.		M. Down.	Up.	M.
5	47	5	49	30	0			
					100			
					200			
					300			
					400			
					500			
					600			
					700			
					800			
					900			
					1000			
					1100			
					1200			
					1300			
					1400			
					1500			
					1600			
					1700			
					1800			
					1900			
					2000			
					2100			
					2200			
					2300			
					2400			
					2500			
					2600			
					2700			
					2800			
					2900			
					3000			
					3100			
					3200			
					3300			
					3400			
					3500			
					3600			
					3700			
					3800			
					3900			
					4000			
					4100			
					4200			
					4300			
					4400			
					4500			
					4600			
					4700			
					4800			
					4900			

1.
Dredge } No. 5738. Date, Sep 4, 1914
Hydrog. }
Sdg. Mch. Reel Shot & Lead lbs.
Turns Cor'n Depth 47 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom gy s

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {
Time

Density: Surf. fms.

Wind: Direction S by W Force 1

Baromet. 30.15 Amt. of Clouds 0 State of Sea 0

Weather on

Direction and Force of Current { Surface
Bottom

Tide

General Locality Ocean Coast

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer Mr. Recorder

SOUNDING WIRE.

A.M. Down. Up. A.M.

FMS.

DREDGING CABLE.

M. Down. Up. M.

5-11 30 5-13 00
5-12 00 5-12 25

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Cable 66-45. 66-49

2 - 10-30 - 2.1

3 - 3-58 - 3.1

4 - " - 3.1

5 - 18-30 - 1.1

6 - 3-58 - 1.1

7 - 16- - 3.1

8 - 2-20 - 2.4

9 - 3-23 - 2.9

10 - 3-58 - 3.2

11 - 3-23 - 1.1

12 - 2-40 - 2.1

13 - 3-40 - 1.1

14 - 2-40 - 3.9

15 - 1-9 - 4.2

16 - 3-37 - 4.2

17 - 3-44 - 4.2

18 - " - 4.2

19 - " - 4.2

20 - " - 4.2

21 - " - 4.2

22 - " - 4.2

23 - " - 4.2

24 - " - 4.2

25 - " - 4.2

26 - " - 4.2

27 - " - 4.2

28 - " - 4.2

29 - " - 4.2

30 - " - 4.2

31 - " - 4.2

32 - " - 4.2

33 - " - 4.2

34 - " - 4.2

35 - " - 4.2

36 - " - 4.2

37 - " - 4.2

38 - " - 4.2

39 - " - 4.2

40 - " - 4.2

41 - " - 4.2

42 - " - 4.2

43 - " - 4.2

44 - " - 4.2

45 - " - 4.2

Set Set

Dredge } No. 5754 Date, _____, 19
Hydrog. }
Sdg. Mch. 715 Reel 715 Shot } 57 lbs.
Lead }
Turns 79 Cor'n Depth 43 fms.
Sdg. Cup arming Amt. Bot'm Sample
Character of Bottom gn S

Thermom. { Make Cor'n { Instr.
 { No. { Stem.

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { Time _____
 { Time _____ Air { _____

Density: Surf. _____ fms. _____

Wind: Direction S by W Force 1

Baromet. 30.0 Amt. of Clouds 10 State of Sea G

Weather overcast

Direction and Force of Current { Surface _____
 { Bottom _____

Tide _____

General Locality Oregon Coast

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks:

Deck Officer _____ Recorder _____
11-1023

SOUNDING WIRE.

A.M. Down. | Up. *A.M.*

FMS.

DREDGING CABLE.

— M. Down. | Up. — M.

5 55.55 5 55.55
5 34.25 5 34.25

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

11-1029

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
2						
604.30	2	06.00	0			
6 04 50	6	04.00	100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

1/2
Tidegauge { No. _____ Date, _____, 19 _____

Sdg. Mch. _____ Reel _____ Shot/Lead _____ lbs.

Turns 80 Cor'n _____ Depth 44 fms.

Sdg. Cup Arming Amt. Bot'm Sample _____

Character of Bottom gy S

Thermom. { Make _____ Cor'n { Instr. _____
No. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { _____ Time _____ } Air {
Time _____ }

Density: Surf. _____ fms. _____

Wind: Direction S by W Force 1

Baromet. _____ Amt. of Clouds 10 State of Sea G

Weather over

Direction and Force of Current { Surface _____
Bottom _____

Tide _____

General Locality Ocean

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer W. H. _____ Recorder _____

SOUNDING WIRE.		FMS.	DREDGING CABLE.		
M. Down.	Up. M.		M. Down.	Up.	M.
6 24 25	8 76 15	0			
6 38 45	6 25 00	100			
		200			
		300			
		400			
		500			
		600			
		700			
		800			
		900			
		1000			
		1100			
		1200			
		1300			
		1400			
		1500			
		1600			
		1700			
		1800			
		1900			
		2000			
		2100			
		2200			
		2300			
		2400			
		2500			
		2600			
		2700			
		2800			
		2900			
		3000			
		3100			
		3200			
		3300			
		3400			
		3500			
		3600			
		3700			
		3800			
		3900			
		4000			
		4100			
		4200			
		4300			
		4400			
		4500			
		4600			
		4700			
		4800			
		4900			

Hydrog. No. *TK* Date, *Sept 4*, 19 *14*
Sdg. Mch. *TK* Reel *TK* Shot Lead *32* lbs.
Turns *79* Cor'n _____ Depth *42* fms.
Sdg. Cup *TK* Amt. Bot'm Sample _____
Character of Bottom _____

Thermom. { Make _____ No. _____ Cor'n { Instr. _____ Stem. _____

Bottom Reading _____ Cor'd Temp. _____

Temp. Surf. { Time _____ Air { Time _____

Density: Surf. _____ fms. _____

Wind: Direction *SE* Force *1*

Baromet. *30.26* Amt. of Clouds *10* State of Sea *1*

Weather *ad*

Direction and Force of Current { Surface _____ Bottom _____

Tide _____

General Locality *Coast of Brazil*

Position _____

Chart used: No. _____ Ed'n _____

Drift: Direction _____ Distance _____

Depth of Haul _____

Apparatus and Rig used _____

Time towing _____ h. _____ m.

Remarks: _____

Deck Officer _____ Recorder _____

SOUNDING WIRE.

2 M. Down. Up. 2 M.
 6 25 30 6 27 25
 6 26 00 6 26 05

FMS.

0
 100
 200
 300
 400
 500
 600
 700
 800
 900
 1000
 1100
 1200
 1300
 1400
 1500
 1600
 1700
 1800
 1900
 2000
 2100
 2200
 2300
 2400
 2500
 2600
 2700
 2800
 2900
 3000
 3100
 3200
 3300
 3400
 3500
 3600
 3700
 3800
 3900
 4000
 4100
 4200
 4300
 4400
 4500
 4600
 4700
 4800
 4900

DREDGING CABLE.

M. Down. Up. M.

6. Set.

Dredge } No. 520 Date, , 19.

Sdg. Mch. Reel Shot/Lead lbs.

Turns 79 Cor'n Depth 43 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom S

Thermom. { Make T311 No. 60 Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time 7:10 Air { 70

Density: Surf. fms.

Wind: Direction S.E. Force

Baromet. 22.2 Amt. of Clouds 10 State of Sea G

Weather

Direction and Force of Current { Surface Bottom

Tide

General Locality Ocean Coast

Position Cape Mearns Light bears S 25° E (true) distant 9 miles

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: Trawl hauled at 6:49 - Hoisted at 9:30 am
after 6:49:30 - 9:26:30

Deck Officer Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

A.M. Down. | Up. 9 M.

A.M. Down. | Up. 9 M.

6 47 00 6 47 00
 6 47 50 6 47 50

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

at 7:15 h

11-1023

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
<u>Q</u> M. Down.	Up.	<u>Q</u> M.		M. Down.	Up.	M.
9 55 20	9 57 00		0			
9 55 55	9 56 10		100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

8

Hydrog. No. 5-743- Date, June 4, 1914
 Sdg. Mch. T. Reel 77 Shot Lead 32 lbs.
 Turns 62 Cor'n Depth 32 fms.
 Sdg. Cup Arming Amt. Bot'm Sample
 Character of Bottom gy. S.

Thermom. { Make Cor'n { Instr.
 No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 10:10 Air { 57
 Time

Density: Surf. fms.

Wind: Direction S.W. Force 2

Baromet. 30.54 Amt. of Clouds 10 State of Sea G

Weather of

Direction and Force of Current { Surface
 Bottom

Tide

General Locality Oregon Coast

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer: J. P. Phipps Recorder: A. G. H. 11-1023

SOUNDING WIRE.				FMS.	DREDGING CABLE.		
Q. M. Down.	Up.	Q. M.			--- M. Down.	Up.	--- M.
10 15	10 10	16 30		0			
10 15	30 10	15 40		100			
				200			
				300			
				400			
				500			
				600			
				700			
				800			
				900			
				1000			
				1100			
				1200			
				1300			
				1400			
				1500			
				1600			
				1700			
				1800			
				1900			
				2000			
				2100			
				2200			
				2300			
				2400			
				2500			
				2600			
				2700			
				2800			
				2900			
				3000			
				3100			
				3200			
				3300			
				3400			
				3500			
				3600			
				3700			
				3800			
				3900			
				4000			
				4100			
				4200			
				4300			
				4400			
				4500			
				4600			
				4700			
				4800			
				4900			

9

Dredge } No. 177 Date, Sept 4, 1914
Hydrog. }

Sdg. Mch. T.H. Reel T.H. Shot 32 lbs.
Lead

Turns 70 Cor'n Depth 60 fms.

Sdg. Cup Craning Amt. Bot'm Sample

Character of Bottom gy S. gy S.

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 10:45 Air { 57°
Time

Density: Surf. fms.

Wind: Direction W. S. W. Force 2

Baromet. 30.34 Amt. of Clouds 10 State of Sea 3

Weather 07

Direction and Force of Current { Surface Bottom

Tide

General Locality Cape Cod

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer L. P. L. Recorder C. E. Long
11-1024

SOUNDING WIRE.					FMS.	DREDGING CABLE.		
M. Down.		Up.	M.			M. Down.		Up.
10	41	30	10	43	00			
10	41	50	10	42	15			
					0			
					100			
					200			
					300			
					400			
					500			
					600			
					700			
					800			
					900			
					1000			
					1100			
					1200			
					1300			
					1400			
					1500			
					1600			
					1700			
					1800			
					1900			
					2000			
					2100			
					2200			
					2300			
					2400			
					2500			
					2600			
					2700			
					2800			
					2900			
					3000			
					3100			
					3200			
					3300			
					3400			
					3500			
					3600			
					3700			
					3800			
					3900			
					4000			
					4100			
					4200			
					4300			
					4400			
					4500			
					4600			
					4700			
					4800			
					4900			

10

Hydrog. } No. 6-747 Date, *Nov. 11*, 19*11*

Sdg. Mch. *12* Reel *12* Shot Lead } 32 lbs.

Turns 79 Cor'n Depth 43 fms.

Sdg. Cup	Amt. Bot'm Sample
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
27	27
28	28
29	29
30	30
31	31
32	32
33	33
34	34
35	35
36	36
37	37
38	38
39	39
40	40
41	41
42	42
43	43
44	44
45	45
46	46
47	47
48	48
49	49
50	50
51	51
52	52
53	53
54	54
55	55
56	56
57	57
58	58
59	59
60	60
61	61
62	62
63	63
64	64
65	65
66	66
67	67
68	68
69	69
70	70
71	71
72	72
73	73
74	74
75	75
76	76
77	77
78	78
79	79
80	80
81	81
82	82
83	83
84	84
85	85
86	86
87	87
88	88
89	89
90	90
91	91
92	92
93	93
94	94
95	95
96	96
97	97
98	98
99	99
100	100

Character of Bottom

Thermom. $\left\{ \begin{array}{l} \text{Make} \\ \text{No.} \end{array} \right.$ Cor'n $\left\{ \begin{array}{l} \text{Instr.} \\ \text{Stem.} \end{array} \right.$

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 11:10 AM } Air { 57° ...
 { ----- Time ----- }

Density: Surf. fms.

Wind: Direction SE Force 2-3

Baromet. 30.34. Amt. of Clouds 10 State of Sea G

Weather

Direction and Force of Current. { Surface
{ Bottom

Tide

General Locality *Green Bay*

Position

Chart used: No. _____ Ed'n _____

Drift: Direction	Distance
------------------	----------

Depth of Haul

Apparatus and Rig used

Time towing _____ h. _____ m.

Remarks:

Deck Officer : Lt. J. E. ... Recorder : C. C. ...

SOUNDING WIRE.				FMS.	DREDGING CABLE.			
M. Down.	Up.	M.	M. Down.		Up.	M.		
11 07 50	11	08 50		0				
11 08 10	11	08 20		100				
				200				
				300				
				400				
				500				
				600				
				700				
				800				
				900				
				1000				
				1100				
				1200				
				1300				
				1400				
				1500				
				1600				
				1700				
				1800				
				1900				
				2000				
				2100				
				2200				
				2300				
				2400				
				2500				
				2600				
				2700				
				2800				
				2900				
				3000				
				3100				
				3200				
				3300				
				3400				
				3500				
				3600				
				3700				
				3800				
				3900				
				4000				
				4100				
				4200				
				4300				
				4400				
				4500				
				4600				
				4700				
				4800				
				4900				

~~Hydrog.~~ } No. 5775 Date, Sept 4, 1914

Sdg. Mch. T. Reel 1. Shot Lead 32 lbs.

Turns 80 Cor'n Depth 43 fms.

Sdg. Cup Amt. Bot'm Sample

Character of Bottom

Thermom. { Make
No.

Cor'n { Instr.
Stem.

Bottom Reading

Cor'd Temp.

Temp. Surf. { 51° Time 11:23a } Air { 57°
Time

Density: Surf. fms.

Wind: Direction Force 2-3

Baromet. 30.34 Amt. of Clouds 15 State of Sea 2

Weather 23

Direction and Force of Current { Surface
Bottom

Tide

General Locality Cape Cod

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer R. L. Recorder C. G. 11-1023

SOUNDING WIRE.						FMS.	DREDGING CABLE.		
M. Down.			Up.	M.			M. Down.	Up.	M.
11	20	40	11	21	50	0			
11	21	10	11	21	20	100			
						200			
						300			
						400			
						500			
						600			
						700			
						800			
						900			
						1000			
						1100			
						1200			
						1300			
						1400			
						1500			
						1600			
						1700			
						1800			
						1900			
						2000			
						2100			
						2200			
						2300			
						2400			
						2500			
						2600			
						2700			
						2800			
						2900			
						3000			
						3100			
						3200			
						3300			
						3400			
						3500			
						3600			
						3700			
						3800			
						3900			
						4000			
						4100			
						4200			
						4300			
						4400			
						4500			
						4600			
						4700			
						4800			
						4900			

12.
Direction } No. 6747 Date, , 1914
Hydrog. }

Sdg. Mch. Reel Shot/Lead lbs.

Turns 83 Cor'n Depth 46 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom fine gy S.

Thermom. { Make 11 Cor'n { Instr. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54° Time 11:41a } Air { 57°
Time

Density: Surf. fms.

Wind: Direction S.W. Force 2-3

Baromet. Amt. of Clouds 10 State of Sea

Weather cz

Direction and Force of Current { Surface Bottom

Tide

General Locality Cape Cod

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer J. W. Recorder

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down.	Up.	A. M.
37 40	11	39 10
38 40	11	38 10

M. Down.	Up.	M.

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

12
Dredge } No. 5750 Date, Dec 14, 1911
Hydrog. }
Sdg. Mch. T N Reel T N Shot 32 lbs.
Leads
Turns Cor'n Depth 24 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.
Temp. Surf. { 54 Time 12:10 } Air { 56
Time

Density: Surf. fms.
Wind: Direction S W Force 3
Baromet. 30.33 Amt. of Clouds 10 State of Sea S
Weather AC

Direction and Force of Current { Surface
Bottom

Tide
General Locality Long Point

Position
Chart used: No. Ed'n
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used

Time towing h. m.
Remarks

SOUNDING WIRE.					FMS.	DREDGING CABLE.		
M. Down.		Up.	M.			M. Down.	Up.	M.
12	10	30	12	12	0			
					100			
					200			
					300			
					400			
					500			
					600			
					700			
					800			
					900			
					1000			
					1100			
					1200			
					1300			
					1400			
					1500			
					1600			
					1700			
					1800			
					1900			
					2000			
					2100			
					2200			
					2300			
					2400			
					2500			
					2600			
					2700			
					2800			
					2900			
					3000			
					3100			
					3200			
					3300			
					3400			
					3500			
					3600			
					3700			
					3800			
					3900			
					4000			
					4100			
					4200			
					4300			
					4400			
					4500			
					4600			
					4700			
					4800			
					4900			

14 Oct

Dredge } No. 731 Date, 10/14/1911

Sdg. Mch. T N Reel T N Shot/Lead 32 lbs.

Turns Cor'n Depth 56 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr. No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 54 Time 12.27 } Air { 57

Density: Surf. fms.

Wind: Direction S.W Force 3

Baromet. 30.33 Amt. of Clouds 10 State of Sea 5

Weather C

Direction and Force of Current { Surface Bottom

Tide

General Locality Oregon Coast

Position Tillamook Light bears N 44 E (true) 11.5 miles distant

Chart used: No. 6108 Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: 1st haul 1.30 PM 3 11 PM 2nd haul 3.09 PM

Deck Officer Recorder 11-1023

SOUNDING WIRE.

M. Down. | Up. | M.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

SOUNDING WIRE.

M. Down. Up. P. M.

5 52 30 3 54 30

FMS.

DREDGING CABLE.

M. Down. Up. M.

0
100
200
300
400
500
600
700
800
900
1000
1100
1200
1300
1400
1500
1600
1700
1800
1900
2000
2100
2200
2300
2400
2500
2600
2700
2800
2900
3000
3100
3200
3300
3400
3500
3600
3700
3800
3900
4000
4100
4200
4300
4400
4500
4600
4700
4800
4900

16.
Dredge Hydrog. No. 575 Date, Sep 4, 1900
Sdg. Mch. T. N. Reel T. T. Shot Lead 30 lbs.
Turns 74 Cor'n Depth 40 fms.
Sdg. Cup Arrows Amt. Bot'm Sample
Character of Bottom gy S.
Thermom. { Make No. Cor'n { Instr. Stem.
Bottom Reading Cor'd Temp.
Temp. Surf. { Time Air {
Density: Surf. fms.
Wind: Direction W 6, W Force 2
Baromet. 30.36 Amt. of Clouds 10 State of Sea 5
Weather 0
Direction and Force of Current { Surface Bottom
Tide
General Locality Ocean Coast
Position
Chart used: No. Ed'n
Drift: Direction Distance
Depth of Haul
Apparatus and Rig used
Time towing h. m.
Remarks:

Deck Officer W. H. H. H.

Recorder

11-1023

SOUNDING WIRE.

FMS.

DREDGING CABLE.

M. Down. | Up. | M.

M. Down. | Up. | M.

1/ 51 00 1/ 32 00
 1/ 32 00 1/ 17 00

0

100

200

300

400

500

600

700

800

900

1000

1100

1200

1300

1400

1500

1600

1700

1800

1900

2000

2100

2200

2300

2400

2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

17.
Dredge } No. 575 Date, Aug 4, 1914
Hydrog. }
Sdg. Mch. Reel Shot/Lead 5 lbs.
Turns 77 Cor'n Depth 47 fms.
Sdg. Cup Alvin Amt. Bot'm Sample
Character of Bottom fine gy. s.

Thermom. { Make Cor'n { Instr.
 { No. { Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time } Air {
 { Time }

Density: Surf. fms.

Wind: Direction 71-12 Force 3

Baromet. 30.36 Amt. of Clouds 10 State of Sea 6

Weather 0

Direction and Force of Current { Surface
 { Bottom

Tide

General Locality Oregon Coast

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer H. E. Hannon Recorder J. J. Hannon

SOUNDING WIRE.		FMS.	DREDGING CABLE.	
M. Down.	Up. M.		M. Down.	Up. M.
5 07 25	5 06 00	0		
5 08 00	5 06 10	100		
		200		
		300		
		400		
		500		
		600		
		700		
		800		
		900		
		1000		
		1100		
		1200		
		1300		
		1400		
		1500		
		1600		
		1700		
		1800		
		1900		
		2000		
		2100		
		2200		
		2300		
		2400		
		2500		
		2600		
		2700		
		2800		
		2900		
		3000		
		3100		
		3200		
		3300		
		3400		
		3500		
		3600		
		3700		
		3800		
		3900		
		4000		
		4100		
		4200		
		4300		
		4400		
		4500		
		4600		
		4700		
		4800		
		4900		

18

Trawl } No. *575* Date, *Dec 1*, 19*10*
Hydrog. }
Sdg. Mch. *715* Reel *715* Shot *02* lbs.
Lead
Turns *51* Cor'n Depth *41* fms.
Sdg. Cup *Channing* Amt. Bot'm Sample
Character of Bottom *—*

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time } Air {
Time }

Density: Surf. fms.

Wind: Direction *W by N* Force *2*

Baromet. *30.36* Amt. of Clouds *10* State of Sea *6*

Weather *0*

Direction and Force of Current. { Surface
Bottom

Tide

General Locality *Ocean Coast*

Position

Chart used: No. Ed'n.

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks: *Lead was lost while hauling in.*

Deck Officer *W. Mahoney* Recorder *E. T. T. T.*

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
1 42 10			0			
1 43 40	1 47 30		100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

19.
Hydrog. No. 573 Date, Sep 4, 1904
Sdg. Mch. 775 Reel 7 Shot 32 lbs.
Lead 36
Turns 67 Cor'n Depth 36 fms.
Sdg. Cup Amt. Bot'm Sample
Character of Bottom gy S

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { Time Air {
Time

Density: Surf. fms.

Wind: Direction 77 by 11 Force 2

Baromet. 30.5 Amt. of Clouds 7 State of Sea G

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality Oregon Coast

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer A. J. J. Recorder G. J. J.

SOUNDING WIRE.			FMS.	DREDGING CABLE.		
M. Down.	Up.	M.		M. Down.	Up.	M.
5	12	05	0			
6	10	20	100			
			200			
			300			
			400			
			500			
			600			
			700			
			800			
			900			
			1000			
			1100			
			1200			
			1300			
			1400			
			1500			
			1600			
			1700			
			1800			
			1900			
			2000			
			2100			
			2200			
			2300			
			2400			
			2500			
			2600			
			2700			
			2800			
			2900			
			3000			
			3100			
			3200			
			3300			
			3400			
			3500			
			3600			
			3700			
			3800			
			3900			
			4000			
			4100			
			4200			
			4300			
			4400			
			4500			
			4600			
			4700			
			4800			
			4900			

1.
Dredge } No. 5757. Date, Sept 6, 1911

Sdg. Mch. T. L. Reel 1. H. Shot } 25 lbs.
Lead }

Turns 571 Cor'n. Depth 27 fms.

Sdg. Cup Arming Amt. Bot'm Sample

Character of Bottom

Thermom. { Make Cor'n { Instr.
No. Stem.

Bottom Reading Cor'd Temp.

Temp. Surf. { 57.0 Time 7:12 a } Air { 56.0
Time

Density: Surf. fms.

Wind: Direction N.W. Force 1-2

Baromet. 30.30 Amt. of Clouds 7 State of Sea X

Weather bc

Direction and Force of Current { Surface
Bottom

Tide

General Locality 121

Position

Chart used: No. Ed'n

Drift: Direction Distance

Depth of Haul

Apparatus and Rig used

Time towing h. m.

Remarks:

Deck Officer R. L. Recorder C. L.

SOUNDING WIRE.

FMS.

DREDGING CABLE.

9 M. Down. Up. 9 M.

M. Down. Up. M.

7 10 30 7 11 40
 7 10 55 7 11 10

0

100

200

300

400

500

600

700

3. 800

3. 900

3. 1000

2. 1100

2. 1200

1. 1300

1. 1400

2. 1500

2. 1600

2. 1700

2. 1800

2. 1900

2. 2000

2. 2100

2200

13. 2300

1. 2400

1. 2500

2600

2700

2800

2900

3000

3100

3200

3300

3400

3500

3600

3700

3800

3900

4000

4100

4200

4300

4400

4500

4600

4700

4800

4900

Shoal Water Lt 96-30/100 7.8 m

Course 282°

230°

50°

33.15

290°

313°

"

Dredge } No. 6758 Date, Sept 5, 1914
 Hydrog. }
 Sdg. Mch. T.H. Reel T.H. Shot } 32 lbs.
 Lead }
 Turns 66 Cor'n Depth 26 fms.
 Sdg. Cup Arming Amt. Bot'm Sample
 Character of Bottom fine gy. S.
 Thermom. { Make Cor'n { Instr.
 { No. { Stem.
 Bottom Reading Cor'd Temp.
 Temp. Surf. { 57° Time 7:35a } Air { 56°
 { Time {
 Density: Surf. fms.
 Wind: Direction N.W. Force 1-2
 Baromet. 30.30 Amt. of Clouds 9 State of Sea S
 Weather bz
 Direction and Force of Current { Surface
 { Bottom
 Tide
 General Locality ?
 Position
 Chart used: No. Ed'n
 Drift: Direction Distance
 Depth of Haul
 Apparatus and Rig used
 Time towing h. m.
 Remarks:

Deck Officer M. Pappa Recorder C. C. DeLong

SOUNDING WIRE.						FMS.	DREDGING CABLE.					
9 M. Down.			Up.	9 M.			M. Down.			Up.	M.	
7	35	10	7	36	40	0						
7	35	40	7	35	53	100						
						200						
						300						
						400						
						500						
						600						
						700						
						800						
						900						
						1000						
						1100						
						1200						
						1300						
						1400						
						1500						
						1600						
						1700						
						1800						
						1900						
						2000						
						2100						
						2200						
						2300						
						2400						
						2500						
						2600						
						2700						
						2800						
						2900						
						3000						
						3100						
						3200						
						3300						
						3400						
						3500						
						3600						
						3700						
						3800						
						3900						
						4000						
						4100						
						4200						
						4300						
						4400						
						4500						
						4600						
						4700						
						4800						
						4900						

3
5759 8.00.30 - 8.02

44
Clean lead. little sand.

4 5760 8.25 - 8.27

46
Clean lead

5 5761 8.42 8.45

57
Green mud

6 5762 9. - 9.02

63
Green mud